WHAT IS CLAIMED IS:

1. In a vial autosampler, a gripper mechanism comprising:

an actuator;

a plurality of jaws coupled to the actuator;
 and

wherein the actuator urges a first jaw of the plurality of jaws and a second jaw of the plurality of jaws in a first direction upon energization, and wherein at least one of the jaws includes a magnet disposed therein, which magnet urges the plurality of jaws in a second direction opposite the urging of the actuator.

- 2. The gripper mechanism of claim 1 wherein both first and second jaws include at least one magnet disposed within each jaw.
- 3. The gripper mechanism of claim 2 wherein the actuator urges the first and second jaws in the first direction to close upon energization.
- 4. The gripper mechanism of claim 2 wherein the actuator urges the first and second jaws in the first direction to open upon energization.

- 5. The gripper mechanism of claim 1 wherein the plurality of jaws are formed of a non-magnetic material.
- 6. The gripper mechanism of claim 1 wherein the actuator is an air cylinder.
- 7. The gripper mechanism of claim 1 wherein the actuator is an electric solenoid.
- 8. The gripper mechanism of claim 1 wherein the actuator is a rotary motor.
- 9. The gripper mechanism of claim 8 wherein the rotary motor is a DC motor.
- 10. The gripper mechanism of claim 8, and further comprising at least one drive rod coupling the motor to at least one jaw.
- 11. The gripper mechanism of claim 8, and further comprising a pair of drive rods coupling the motor to the plurality of jaws.
- 12. The gripper mechanism of claim 1 wherein the plurality of jaws are exchangeable.
- 13. The gripper mechanism of claim 1 wherein the at least one magnet is a rare-earth magnet.

- 14. The gripper mechanism of claim 1 wherein each jaw includes a lower portion having a friction portion that contacts a vial.
- 15. The gripper mechanism of claim 14 wherein the friction portion of at least one jaw is formed of a compressible material.
- 16. The gripper mechanism of claim 15 wherein the compressible material is an urethane.
- 17. The gripper mechanism of claim 14 wherein the friction portion of at least one jaw is formed of an incompressible material.
- 18. The gripper mechanism of claim 17 wherein the incompressible material in diamond friction tape.
- 19. An autosampler comprising:
 - a vial storage area adapted to store a number of vials for sampling;
 - a vial analysis station adapted to extract
 a sample from a given vial;
 - a vial gripper mechanism adapted to select and transport the given vial from the storage area to the vial analysis station, wherein the gripper mechanism includes:

an actuator;

- a gripper member coupled to the
 actuator wherein the gripper
 member includes a first jaw and a
 second jaw;
- wherein the actuator urges the first jaw and the second jaw in a first direction upon energization; and
- wherein at least one of the jaws disposed includes a magnet therein, which magnet urges the direction jaws in a second opposite the urging of the actuator.
- 20. The autosampler of claim 19, wherein upon energization, the actuator urges the jaws of the gripper member toward each other.